

10/501306
Rec'd PCT/PTO 13 JUL 2004**CLAIMS**

1. A transmission apparatus comprising:

transmit data generation means for generating transmit data
by linking to main data representing an image and/or audio
5 accessory information including information on a frame rate of
this main data; and

transmission processing means for performing output
processing on the transmit data via a transmission channel.

10 2. The transmission apparatus according to claim 1,
wherein the transmit data generation means includes:

accumulation means for accumulating the main data
temporarily; and

15 read processing means for controlling read
processing of the main data accumulated in the accumulation
means,

wherein the transmission processing means informs the
transmit data generation means of a band of the transmission
channel, and

20 wherein the read processing means controls reading of the
main data in accordance with the band thus informed, thereby
adjusting the frame rate of the main data.

3. The transmission apparatus according to claim 2,

25 further comprising information modification means for modifying
frame rate information contained in the accessory information, in
response to adjustment of the frame rate by the read processing
means.

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4. The transmission apparatus according to claim 1,
wherein the accessory information includes information indicating
a recommended reproduction speed of the main data.

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5. The transmission apparatus according to claim 1,
wherein the accessory information includes information indicating
a reproduction-enabling maximum speed of the main data.

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6. The transmission apparatus according to claim 1,
wherein the transmit data generation means links as the accessory
information at least the frame rate information and frame
identification information of each frame included in a reference
frame period to the main data.

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7. The transmission apparatus according to claim 6,
wherein the transmit data generation means includes:
accumulation means for accumulating the main data
temporarily; and

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read processing means for controlling read
processing of the main data accumulated in the accumulation
means,

wherein the transmission processing means informs the
transmit data generation means of a band of the transmission

25 channel, and

wherein the read processing means controls reading of the
main data in accordance with the informed band utilizing the frame

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identification information, thereby adjusting the frame rate of the main data.

8. The transmission apparatus according to claim 7,
5 further comprising information modification means for modifying the frame rate information and the frame identification information which are contained in the accessory information, in response to adjustment of the frame rate by the read processing means.

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9. A transmission method comprising:

a transmit data generation step for generating transmit data by linking to main data representing an image and/or audio accessory information including information on a frame rate of
15 this main data; and

a transmission processing step for performing output processing on the transmit data via a transmission channel.

10. The transmission method according to claim 9,

20 wherein the transmit data generation step includes a read processing step for controlling read processing of the main data temporarily accumulated in accumulation means; and

wherein in the read processing step, reading of the main data is controlled in accordance with a band of the transmission
25 channel, thereby adjusting the frame rate of the main data.

11. The transmission method according to claim 10, further comprising an information modification step for modifying the

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frame rate information contained in the accessory information, in response to adjustment of the frame rate by the read processing step.

5 12. The transmission method according to claim 9, wherein the accessory information includes information indicating a recommended reproduction speed of the main data.

10 13. The transmission method according to claim 9, wherein the accessory information includes information indicating a reproduction-enabling maximum speed of the main data.

15 14. The transmission method according to claim 9, wherein in the transmit data generation step, as the accessory information, at least the frame rate information and frame identification information of each frame included in a reference frame period are linked to the main data.

20 15. The transmission method according to claim 14, wherein the transmit data generation step includes a read processing step for controlling read processing of the main data temporarily accumulated in accumulation means; and

 wherein in the read processing step, reading of the main data is controlled in accordance with a band of the transmission channel utilizing the frame identification information, thereby
25 adjusting the frame rate of the main data.

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